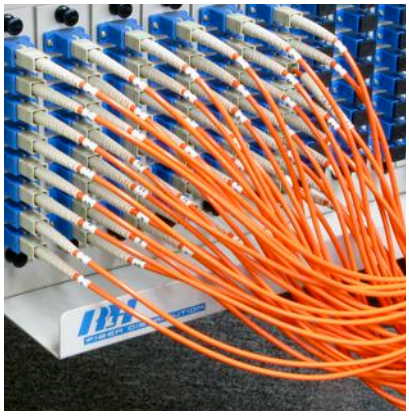
RLH Industries, Inc.



2014 Products Overview

2014A-0326

RLH Industries, Inc. • Tel. 866-DO-FIBER • Fax 714 532-1885 • www.fiberopticlink.com

At RLH we engineer, manufacture, install and service industrial fiber optic transmission equipment, cabling and supplies.

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Every effort has been made to ensure that the information in this document is accurate. RLH is not responsible for printing or clerical errors. Because we are constantly seeking ways to improve our products, specifications and information contained in this document are subject to change without notice.

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Fiber only HVP. From day one.

"Anything other than a **FIBER OPTIC SOLUTION** sacrifices personnel safety and equipment reliability."

PERFORMANCE COPPER CANT' TOUCH

We didn't just decide one day to enter the fiber HVP market.

We pioneered it.

Compliance Information

RLH Fiber Optic Link Systems are compliant with one or more the following industry standards:

- **FCC PART-68B**
- **IEEE-80, IEEE-367**
- **IEEE-487**
- **IEEE-1590**
- **IEEE-1615**
- **Motorola R56**
- **BR 876-310-100 BT (Telcordia)**
- **Bellcore SR-3966**
- **GR-1089**
- **GR-63**
- **ANSI T1.403**

Products Overview

Ethernet

- Fiber/Ethernet Switches
- Managed and Unmanaged
- 1-48 Ports
- 10/100/1000
- PoE

POTS (Analog Phone)

- Line powered
- Locally Powered
- 2 Channel Mux w/ Ethernet

Data

- T1
- Serial Data (RS-232/422/485)
- Analog

Contact Closures

- Contact Closures
- 4 & 8 Channels
- 4-Wire Data w/ Contact Closure

Multiplexers

- T-1
- Ethernet
- POTS
- Serial Data

Power Supplies

- Rack
- Wall
- DIN Mount
- Solar
- AC/DC
- DC/DC
- UPS Systems

4RU Card Housings

- 1 to 12 Card Housings
- Indoor and Outdoor Card Housings
- Equipment Rack Card Housings
- NEBS Level 3 Card Housings

Fiber Cable Assemblies

- Jumpers / Patch Cords
- Distribution Cable
- Tight Buffer Cable and Loose Tube
- ADSS Cable
- Tactical Cable and Connectors

Fiber Management

- Patch Panels
- Wall Mount
- DIN Mount
- 12-144 fibers
- Splice trays

Enclosures

- Cabinets & Pedestals
- Aluminum
- Galvanized Steel
- Stainless Steel
- Fiberglass
- Wall or Pole mount

Ethernet Products

RLH has industrial Ethernet switches and media converters for just about any application. Our Ethernet Over Fiber products are especially suited for extending the network for long distances up to 74 miles (120km) over fiber optic cable. All of our products are temperature hardened and ideal for critical, high voltage, remote or un-manned locations that must remain operating 24/7/365.

From small, single port DIN/wall mount units to 48 port rack mount managed switches suitable for medium/large enterprise applications, RLH has an Ethernet solution for you.

Media Converters

Single Channel Fiber Link Cards

- Line Powered
- Temperature hardened
- Available in 10/100M or Gigabit models
- Card fits in any RLH card housing
- Fiber distances up to 120km/74 miles

10/100M Slimline Media Converter

- Temperature hardened
- DIN rail mount
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

Gigabit Ethernet Media Converter

- Temperature hardened
- DIN/Wall mount
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

Power Over Ethernet Products

4+1 Port Ethernet Switch with PoE

- Temperature hardened, DIN mount
- Four 10/100M Ethernet ports with PoE
- One fiber port
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

5 Port Ethernet Switch with PoE

- Temperature hardened, DIN mount
- Five 10/100M Ethernet ports
- PoE injection on four ports

4+2 Port Ethernet Switch with PoE

- Temperature hardened, DIN mount
- Four 10/100M Ethernet ports with PoE
- Two fiber ports
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

DIN Mount Ethernet Switches

5 Port Ethernet Switch

- Temperature hardened
- SlimLine DIN mount
- Five 10/100M Ethernet ports

3+2 Ethernet Fiber Switch

- Temperature hardened
- SlimLine DIN mount
- Three 10/100 Ethernet Ports
- Two fiber ports
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

4+1 Ethernet Fiber Switch

- Temperature hardened
- SlimLine DIN mount
- Four 10/100 Ethernet Ports
- One fiber port
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

4+4 Managed Ethernet Fiber Switch

- Temperature hardened, DIN mount
- Dual redundant power inputs
- 4 10/100 UTP Ports, four 1x9 fiber ports
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

Rack Mount Ethernet Switches

12+12 Managed Ethernet Fiber Switch

- 1RU 19” rack mount chassis
- Internal 110/220VAC power supply
- 12 RJ-45 Ethernet ports
- 12 1x9 fiber ports
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

20+4 Managed Ethernet Fiber Switch

- 1RU 19” rack mount chassis
- Internal 110/220VAC power supply
- 20 RJ-45 Ethernet ports
- 4 1x9 fiber ports
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

16+8 Managed Ethernet Fiber Switch

- 1RU 19” rack mount chassis
- Internal 110/220VAC power supply
- 16 RJ-45 Ethernet ports
- 8 1x9 fiber ports
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

22+2 Managed Ethernet Fiber Switch

- 1RU 19” rack mount chassis
- Internal 110/220VAC power supply
- 22 RJ-45 Ethernet ports
- 2 1x9 fiber ports
- Dual fiber and single fiber models
- Fiber distances up to120km/74 miles

Mode Converter

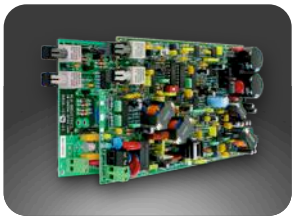
Gigabit Mode Converter

- Temperature hardened
- Ideal for critical, high voltage, remote or un-manned locations that must remain operating 24/7/365
- DIN/Wall mount
- Converts single mode to multimode and vice versa.

POTS Products

RLH has industrial POTS systems that provide transmission of standard analog phone, telemetering, or PBX loopstart signals over two optical fibers. The system transmits in the voice-frequency or audio range (300Hz-3.4KHz) while providing ringing and off-hook detection. Our POTS products are temperature hardened and especially suited for extending the network for long distances up to 74 miles (120km) over fiber optic cable.

Fiber Link Systems



2 Wire POTS Fiber Link Card

- Temperature hardened
- Fits any RLH card housing
- Fiber distances up to 60km/37 miles
- Single or multimode models

2 Ch. POTS w/ Ethernet

- Temperature hardened
- Fiber Link Systems are available in card or DIN models
- Fiber distances up to 120km/74 miles
- 2 integrated 10/100 Base-T Ethernet ports for LAN interconnection or VOIP
- Single or multimode models

Data Products

RLH has industrial Fiber Link systems that provide transmission of standard data signals from copper over to two optical fibers for just about any application. Our Data products are especially suited for extending the network for long distances up to 74 miles (120km) over fiber optic cable. All of our products are temperature hardened and ideal for critical, high voltage, remote or un-manned locations that must remain operating 24/7/365.

Fiber Link Cards

2-Wire Data

- 24~56VDC local power or (CO side) line powered
- Constant bi-directional transmission
- SC or ST, single or multimode options

2-Wire Digital Phone

- Utilizes 24~56VDC local power
- SC or ST, single or multimode options

2-Wire DID

- 24~56VDC local power or (SUB side) line powered
- Reverse battery switching
- SC or ST, single or multimode options

2/4W Analog Data

- NEBS Level 3
- Line powered or 24~56VDC local power
- SC or ST, single or multimode options

4-Wire Data w/ Contact Closure

- Temperature hardened
- Fiber Link Systems are available in card or DIN models
- Simultaneously transmits 4 Wire data and contact closure over fiber.
- Single or multimode models

4-Wire Data w/ E&M

- Full duplex, constant transmission
- Line powered or 24~56VDC local power
- SC or ST, single or multimode options

4-Wire 9.6Kbps DDS Card

- 500 Hz to 50 kHz bandwidth
- 2.4 kbps to 9.6 kbps data rate
- Line powered or 24~56VDC local power
- SC or ST, single or multimode options

Universal 2 or 4-Wire HDSL Card

- HDSL1, HDSL2 or HDSL4 compatible
- CO side is line powered
- SUB side is 44~56VDC local power
- SC or ST, single or multimode options

4-Wire 56k

- NEBS Level 3
- 1 kHz to 300 kHz bandwidth
- 19.2 kbps to 64 kbps data rate
- Line powered or 24~56VDC local power
- SC or ST, single or multimode options

2 Channel ADSL

- ADSL data rate compatibility up to 2.75Mbps
- requires 44~56VDC local power
- SC or ST, single or multimode options
- LED status indicatorsc

T1/E1

- 1, 2 or 4 channels of T1 over fiber
- Line powered or 24~56VDC local power
- SC or ST, single or multimode options
- LED status indicators

RS-232 Serial Data Card

- Connects directly to DB-9 connector
- Half or full duplex operation
- Utilizes 24~56VDC local power
- SC or ST, single or multimode options
- LED status indicators
- Loop capability for remote testing

RS-232/422/485 Serial Data

- Auto sensing for RS-232/422/485 data
- Supports up to 32 nodes of RS-485/422 devices
- Manufactured to ISO-9001 standards
- Powering requires 12-24VDC 1A
- Single or multimode fiber

DIN Fiber Link Systems

2 Channel T1 Mux

- Provides simultaneous multiplexing and de-multiplexing of two asynchronous T-1 channels
- Frame and fault LED indicators
- Line powered or 24~56VDC local power
- SC or ST, single or multimode options

2/4-Wire Data w/ E&M

- E&M wet or dry contact input options
- Full duplex, constant transmission
- Line powered or 24~56VDC local power
- SC or ST, single or multimode options

2 Channel 2/4-Wire Data w/ E&M

- Data w/ E&M contact closure function
- Includes a single 10/100M Ethernet port
- Full duplex, constant transmission
- 12-24VDC, 24-48VDC, 115/240VAC or 130VDC models
- SC or ST, single or multimode options

RS-232 Serial Data (DB-9 Connector)

- Auto sensing for RS-232 data
- TIA/EIA-574 compliant
- Uses 5VDC @ 1A, 115/220VAC, 24 and 48VDC power adapters available
- SC, ST or FC connectors
- Single or multimode fiber

RS-232/422/485 Serial Data

- Auto sensing for RS-232/422/485 data
- Supports up to 32 nodes of RS-485/422 devices
- Manufactured to ISO-9001 standards
- Powering requires 12-24VDC 1A
- SC, ST or FC connectors
- Single or multimode fiber

Contact Closures

RLH has industrial Contact Closure Fiber Link systems that provide electrical-to-optical interface transmission of digital or analog signals for just about any contact closure or alarm application. Our control monitoring, alarm system products are especially suited for extending the signal for long distances up to 74 miles (120km) over fiber optic cable. All of our products are temperature hardened and ideal for critical, high voltage, remote or un-manned locations that must remain operating 24/7/365.

Fiber Link Systems

4 & 8 Ch. Contact Closure

- Temperature hardened
- Fiber Link Systems are available in card or DIN models
- Fiber distances up to 47km/29 miles
- Single or multimode models

4 Wire Data with Contact Closure

- Temperature hardened
- Fiber Link Systems are available in card or DIN models
- Simultaneously transmits 4 Wire data and contact closure over fiber.
- Single or multimode models

4 Channel 4~20mA Card

- Temperature hardened
- 22~56VDC local power
- Available with 6~9VDC powering option
- SC or ST, single or multimode options
- Fiber Link Systems are available in card or DIN models

iMux Modular Multiplexer System

RLH has industrial Multiplexer systems that provide transmission of multiple services over fiber for any a variety of applications. Our multiplexers are especially suited for extending the signal for long distances up to 74 miles (120km) over fiber optic cable. All of our products are temperature hardened and ideal for critical, high voltage, remote or un-manned locations that must remain operating 24/7/365.

Customize complete multi service rack systems suitable for medium/large enterprise applications . RLH has a multiplexer with service solutions for you.

Applications Include:

- Maximize services over minimal fiber
- Telephone services
- Data services
- VLAN
- VOIP systems
- Web management

Rack Mount System

iMux Multiplexer

- Low profile 1RU 19“ rack mount
- Up to 16 channels of Serial Data
- Up to 4 modules (4 ports each) mix and match
- options include RS-232/422/485, T1, E1, 2/4 Wire Data, Analog phone or V.35
- Dual or single bi-directional fiber models
- Hot swappable, 1+1 protected optical modules
- Managed through software, web interface or front panel
- Integrated 115VAC or 38VDC power

4RU Plug-in Card Housings

All RLH Fiber Optic Link Cards are designed to be installed directly into housings or shelf systems. RLH Housings are specially suited to accommodate the entire line of RLH Fiber Optic Link Cards, providing physical protection, electrical isolation, and access to connectors and system LEDs.

Housings are available in many configurations, from low cost, single card, indoor housings suitable for equipment closets or weatherproof cabinets, to high density multi-card shelves in all-dielectric housings especially well suited for high voltage isolation applications.

RLH Enclosures and cabinets are a perfect match for Fiber Optic Link housings, and are available in many configurations. Indoor housings and shelves may be mounted outdoors if located in weatherproof cabinets.

Applications Include:

- Wall/Pole/Rack mount
- Indoor or Outdoor
- Remote locations

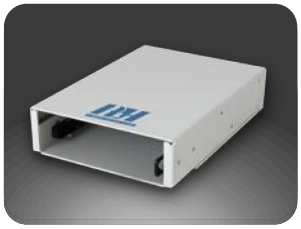
DIN & Rack Mount Housings

Single Card DIN Housing

- Powder coated steel construction with DIN clip
- Slide out, front access to card and fiber
- Adjustable mounting ears

Rack Mount Housings

- 1 up to 4 card housings
- Available in 1RU or 2RU
- Powder coated steel construction
- Available with 24 or 48VDC powe



Indoor & Outdoor Card Housings

Single Card Housing (Indoor)

- Thermoplastic construction
- Wall mount
- Available as pre-installed unit

Single Card Housing (Indoor/Outdoor)

- Weatherproof thermoplastic construction
- Wall or pole mount
- Available as pre-installed unit

Dual Card Housing (Indoor/Outdoor)

- Vented weatherproof plastic construction
- Wall or pole mount
- Available as pre-installed unit

Four Card Housing (Indoor/Outdoor)

- Lockable cover
- Vented weatherproof plastic construction
- Wall or pole mount
- Available as pre-installed unit

Mini Interface Unit (Indoor/Outdoor)

- Durable vented weatherproof fiberglass construction
- 3/4” treated mounting backboard
- Lockable cover
- Wall or pole mount
- Available as pre-installed unit

NEBS Level 3 Card Housings

5, 8 and 12 Card Housings

- NEBS Level 3 compliant
- Powder coated steel construction
- Wall, cabinet, or rack mountable
- Fiber spools and cable accessories
- Available with terminal options & integrated power supply

Power Supply Product Family

RLH has industrial power supplies ideal for powering RLH Fiber Optic Link products and other industrial telecom and networking equipment. Power products range from AC/DC, DC/DC, solar, Power Over FIber, battery packs, complete uninterrupted systems and more. All of our products are temperature hardened and ideal for critical, high voltage, remote or un-manned locations that must remain operating 24/7/365.

From small, DIN/wall mount power supplies to high powered rack mount units suitable for medium/large enterprise applications, RLH has an dependable power solution for you.

Applications Include:

- Powering RLH Fiber Link products
- Converting local power to equipment specifications
- Redundant uninterrupted power solutions
- Solar power in remote locations
- Power Over Fiber
- Power insertion
- DC/DC converters

Fiber Link Card Power Systems

2 Wire/4 Wire Data Power Coupler

- Insert DC power onto dry pairs for SCADA and Audio Tone Protective Relaying lines
- Powers 2W and 4W CO cards
- Uses 24 ~ 56VDC power
- Fits standard RLH card housings

DC/DC Converter

- DC input models from 24 ~ 130V
- 24 and 48VDC output models
- 48W to 67W models up to 2.2A
- Powers up to 12 Fiber Link Cards
- Fits standard RLH card housings

2 Wire POTS Coupler

- Powers one RLH POTS CO Card
- 24 or 48VDC models
- Fits standard RLH card housings

DIN Mount Systems

Dual Output DC/DC Converters

- 130VDC or 48VDC power input models
- 12VDC and 48VDC power output
- Wide input tolerance range
- Individual LED power indicators

75W 24V AC/DC Integrated UPS

- Integrated power supply and battery charge controller.
- AC or DC power input
- LED status indicators
- Short circuit, overload, over voltage and over temperature protection.

UPS Charge Controller

- 24VDC and 48VDC models
- DC input up to 40A
- Built-in battery test function
- Relay contact signal output

Rack Mount Systems

AC/DC Low Density Power Supply

- 19/23” rack mount, 1RU
- 24 and 48VDC output models
- 24W to 35W models up to 2A
- Includes backup batteries
- 4 output terminals

AC/DC High Density Power Supply

- 19/23” rack mount, 2RU
- 24 and 48VDC output models
- 500W up to 42A
- Auto switching dual input terminals for redundant power
- Digital LED ammeter
- 3 output terminals

Slimline DC/DC Converters

- 19/23” rack mount, 1RU
- DC input models from 12 ~ 130V
- 12, 24, and 48VDC output models
- 24W to 35W models up to 6A
- 12 output terminals

Power Over Fiber

Power over Fiber Optic Cable

- 2RU Rack Mount transmitter
- Fiber Link card receiver
- Outputs 24VDC @ 25mA over fiber cable
- LCD digital system display
- Eliminates copper into GPR zone

Solar Power Supplies

Solar Power Supplies

- 10 ~ 300W panels available
- 12, 24 and 48VDC models
- Easy-Mount with Quick-Tilt feature
- Complete systems with charge controller and up to 100Ah backup batteries

Battery Packs

UPS System Battery Packs

- 12, 24 & 48VDC output models, up to 20Ah
- Rack, DIN and Wall Mount models
- Sealed gel batteries, field replaceable
- User replaceable fuse

Solar Battery Packs

- 12, 24 & 48VDC output models, up to 100Ah
- indoor & outdoor models, with charge controller
- Sealed gel batteries, field replaceable
- User replaceable fuse

Fiber Optic Cable Products

RLH carries an expanded variety of fiber optic cables available for both indoor and outside plant applications, offering the highest quality cable from several of the industries leading manufacturers. Fiber cable can be ordered in large reels or small cut piece quantities, and are available with factory installed connectors. Contact an RLH sales office for fiber cable types not listed, such as armored, double jacket, figure-8, and hybrid cables.

Fiber Optic Cable

- **Distribution Cable (Indoor)**

Distribution fiber cable is a compact tight buffered cable which contains no gel. Each fiber strand has a color coded 900-micron jacket. The cable outer jacket is also color coded for singlemode (yellow) or multimode (orange) type fiber. Riser (OFNR) and Plenum (OFNP) rated cables are available.

For installation into a patch or distribution panel connectors can be installed directly onto the 900-micron fiber. When the cable is connecting directly into the end device a 2 or 3mm breakout kit is recommended.

- **Tight Buffer Cable and Loose Tube (Indoor/Outdoor)**

Indoor/Outdoor fiber cable allows for installation flexibility by providing outside plant ruggedness and UV protection, while maintaining fire ratings for indoor use.

Tight buffer indoor/outdoor cables are available in both Riser (OFNR) and Plenum (OFNP) rating.

- **Loose Tube - ADSS Cable (Outdoor)**

Loose tube fiber optic cable allows for smaller diameter and higher strand counts to be used in outside plant environments. The cable consist of one or several gel filled tubes each containing 6-12 individual 250µm fiber strands inside. Fiber strands can be directly spliced, or connectorized with the use of a breakout kit.

Standard loose tube OSP fiber cable can be placed above or under ground inside a conduit, aerially lashed, or in some cases direct buried. Nylon jacketed loose tube cable offers additional chemical and rodent protection. ADSS (All Dielectric Self Supporting) cable has an inner dielectric strength member and is used in aerial applications without the need to be lashed to a steel messenger wire. Typical ADSS Spans with 1.0% Installation Sag: NESC Heavy 275 ft (84 meters), NESC Medium 450 ft (137 meters), NESC Light 600 ft (183 meters). RLH ADSS hardware is used to attach the cable.

Fiber Optic Jumpers & Cable Assemblies

RLH Industries, Inc. provides fiber optic cable for indoor or outdoor use, as well as fiber optic cable with high fiber count for use in outside plant applications. We manufacture fiber optic cable assemblies to your specifications, which can be installed with little or no fiber experience.

We manufacture fiber optic patch cords or jumpers used for short distance patching applications. Our factory modification program allows you specify the exact length, fiber type and connectors for your needs.

Standard Features:

- Pre-terminated fiber optic strands from 1 to 156
- All cable assemblies are 100% tested and certified
- Single and multimode up to 100G (OM4)
- ADSS, Loose Tube or Distribution Fiber Cable
- Fire rated and tactical cable available
- Individually numbered strands
- Large selection of connectors to choose from
- Kevlar pulling sheaths available over terminated ends

Tactical Fiber Optic Cable Assemblies & Connectors

RLH Industries, Inc. manufactures tactical fiber optic cable assemblies (T.F.O.C.A.).Tactical Fiber optic cables assemblies are made for harsh environments where deployment and retrieval for reuse is required and can be easily be installed with little or no fiber experience.

Pre-terminated fiber assemblies provides a convenient and cost effective engineering solution, high degree of reliability, and offers an outstanding performance characteristics. Custom T.F.C.O.A's can be made with any military style connector and strand count contact us for more information.

Standard Features:

- T.F.O.C.A. that meet D.O.D. and MIL specifications
- Pre-terminated fiber optic strand counts from 2 to 24
- All cable assemblies are 100% tested and certified
- Customized Military fiber assemblies and connectors
- Individually numbered strands
- Sized to any length

Fiber Management Products

Cables, Couplers, Attenuators and Splitters

Fiber Cables

- Custom Cable Assemblies
- Jumpers / Patch Cords
- T.F.O.C.A.
- Ruggedized Military connectors

Fiber Couplers

- Single or Multimode, Simplex or Duplex
- Female to Female, Male to Female
- ST, SC, LC and SMA

2x1 Couplers/Splitters

- Combiner and Splitter
- Single or Multimode
- ST, SC, LC, FC/APC and SC/APC

Attenuators

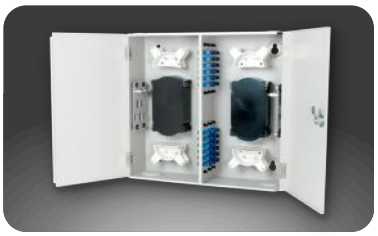
- -5, -10, -15 and -20dB Attenuation
- Single or Multimode
- Female to Female or Male to Female
- ST, SC, LC, FC and SC/APC

Loopbacks

- Single or Multimode
- Compact rugged design
- Color Coded for identification

Mode Conditioning Cables

- Eliminates any differential mode delay
- Available in a variety of connectors



Fiber Distribution Units (FDU's)

Mini Wall Mount Plastic Indoor/Outdoor Units

- Preloaded w/ any connector
- Single or Multimode
- Simplex or Duplex
- 6 or 12 ports

Wall Mount Indoor Units

- ST, SC, LC, MTRJ, SC/APC and APC/SC Adapters
- Single or Multimode
- Simplex or Duplex
- 12-288 Fiber Ports Capacity

MTP/MPO Fiber Cassettes

- 12 and 24 fiber configurations
- Single or Multimode

Wall/DIN Slimline FDU

- Preloaded w/ any connector
- Single or Multimode
- Simplex or Duplex
- Single adapter plate

Wall/Pole Mount Outdoor Units

- Preloaded w/ any connector
- Single or Multimode
- Simplex or Duplex
- 12-288 Fiber Port Capacity
- Weatherproof

ADSS Aerial Fiber Splice Case

- 12 up to 144 fiber capacity

NEMA 4X Cabinets

Aluminum, galvanized, stainless steel and fiberglass construction

- Aluminum enclosures set the standard for light weight and durability
- Galvanized steel enclosures are a cost effective solution
- Stainless steel provides the ultimate in durability and protection
- Fiberglass enclosures are light weight and can be easily customized in the field
- 23 standard sizes from H18" x W16" x D8" to H60" x W36" x D16"

Commercial Grade Features

- Top and bottom vented, NEMA 4X compliant, weatherproof design
- Precision welded, heavy duty construction
- Fire treated and painted 3/4" plywood backboard and bottom base board
- Hinged door with Limit Stop
- Neoprene weather tight door seal
- Literature/document pocket
- 8 position ground bar, #2 to #14 AWG wire clamps
- Bottom knockouts, 3/4" to 4"
- Quarter turn security latches with padlock ring
- Frame mounting brackets and attaching hardware
- Powder coated industry approved grey
- Exclusive Unconditional Lifetime Warranty
- Available options include: exhaust fans with thermostat, heater with thermostat, custom color powder coat, large or small custom sizes, rack mount rails, pole mount bracket with bolt or strap capability, and more.

Metal Cabinets

RLH metal cabinets provide long-lasting protection for housing electrical components. The NEMA 4 aluminum, galvanized steel or stainless steel units may be used in both indoor and extreme outdoor environments. Our industrial cabinets are powder coated light gray (except for the stainless steel versions), and are highly resistant to corrosion. They are equipped with a hinged door with pad lock latch, literature pocket, and foam gasket seal, knockouts, vents, mounting feet, hardware, and painted plywood backboard.

Telco Interface Units with FIber Optic Link housings and prewired terminal blocks are also available.

Feature Options:

- All styles come in 23 standard sizes
- Heaters and fans with thermostat
- Customized solutions
- Aluminum or steel back mounting panels
- Complete Turn-key solutions

Fiberglass Cabinets

RLH fiberglass enclosures are constructed of dielectric molded fiberglass-reinforced material that is easily tailored on the job site, and may be punched, drilled, filled, or sawed. The exterior surface is light gray with UV protection. Fiberglass cabinets are equipped with a hinged door with padlock latch, foam gasket seal, vents, mounting feet, hardware, and painted plywood backboard. RLH Fiberglass Enclosures provide long-lasting protection for housing electrical components, and can be used in both indoor and outdoor environments.

Telco Interface Units with FIber Optic Link housings and prewired terminal blocks are also available.

Feature Options:

- 23 standard sizes
- Heaters and fans with thermostat
- Customized solutions
- Aluminum or steel back mounting panels
- Complete Turn-key Solutions

Type-02,-03,-06 and -07 Pedestals

RLH Buried and Semi-Buried Pedestal enclosures, include plywood backboard, Lockable covers with hex head self-locking system with padlock hasp. The pedestal stands approx. 36" tall when the base is buried. There are several different width and depth options for every situation. No mounting stakes or platforms are required for installation. A pre-wired copper terminal is provided. Pedestals are constructed of all-dielectric plastic.

Feature options:

- RLH 4RU Plug-in card housing
- Gas Tube protection
- Pedestal mounting base
- Polymer pad
- Heaters and fans with thermostat
- Telco Interface units available
- Complete Turn-Key Solutions

Hi-Density Pedestals

Hi-Density Pedestal enclosures offer a convenient solution for a Fiber Optic Link CO Side location with high circuit count. The Hi-Density Pedestals are constructed of 12-14 gauge steel and are vented.

The pedestals can be ordered with optional mounting base and pad. The RLH pedestal mounting base provides added stability and expanded cable storage for the RLH Hi-Density Pedestal. The base can be installed alone or with a polymer pad that provides a secure mounting foundation for the enclosure.

Feature options:

- RLH 4RU Plug-in card housing
- Gas Tube protection
- Pedestal mounting base
- Polymer pad
- Heaters and fans with thermostat
- Complete Turn-Key Solutions

Technical Support

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Please contact your RLH sales representative for pricing and delivery information.

Specifications subject to change without notice.